

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of Kenneth Jacobs et al.

Serial No. 60/148,424

Attorney Docket No. GIN-6083-1

Filed: August 11, 1999

For: **Secreted Proteins and Polynucleotides Encoding Them****POWER OF ATTORNEY FOR PROVISIONAL PATENT APPLICATION**

As a below named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

James E. Cockfield	Reg. No. 19,162	Peter C. Lauro	Reg. No. 32,360
Thomas V. Smurzynski	Reg. No. 24,798	DeAnn F. Smith	Reg. No. 36,683
Ralph A. Loren	Reg. No. 29,325	David J. Rikkers	Reg. No. 43,882
Giulio A. DeConti, Jr.	Reg. No. 31,503	Chi Suk Kim	Reg. No. 42,728
Ann Lamport Hammitte	Reg. No. 34,858	Maria Laccotripe Zacharakis	Limited Recognition
Elizabeth A. Hanley	Reg. No. 33,505		Under 37 C.F.R. § 10.9(b)
Amy E. Mandragouras	Reg. No. 36,207	Debra J. Milasincic	Reg. No. 46,931
Anthony A. Laurentano	Reg. No. 38,220	David R. Burns	Reg. No. 46,590
Jane E. Remillard	Reg. No. 38,872	Sean D. Detweiler	Reg. No. 42,482
Jeremiah Lynch	Reg. No. 17,425	Peter S. Stecher	Reg. No. 47,259
Kevin J. Canning	Reg. No. 35,470	Adam M. Goodmann	Reg. No. 43,640
Jeanne M. DiGiorgio	Reg. No. 41,710	Cynthia L. Kanik	Reg. No. 37,320
Megan E. Williams	Reg. No. 43,270		
Nicholas P. Triano III	Reg. No. 36,397		

of LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, Massachusetts 02109, United States of America, and

Ellen J. Kapinos	Reg. No. 32,245	M. Andrea Ryan	Reg. No. 28,469
Barbara A. Gyure	Reg. No. 34,614	Elizabeth A. Hurley	Reg. No. 41,859

of GENETICS INSTITUTE, INC., 87 CambridgePark Drive, Cambridge, Massachusetts 02140, United States of America,

Egon E. Berg	Reg. No. 21,117	Elizabeth M. Barnhard	Reg. No. 31,088
Gale F. Matthews	Reg. No. 32,269	Alan M. Gordon	Reg. No. 30,637
Darryl L. Webster	Reg. No. 34,276		

of GENETICS INSTITUTE, INC., One Campus Drive, Parsippany, New Jersey 07054, United States of America, and

Rebecca R. Barrett	Reg. No. 35,152	Steven R. Eck	Reg. No. 36,126
Arnold S. Milowsky	Reg. No. 35,288	Michael R. Nagy	Reg. No. 33,432
George Tarnowski	Reg. No. 27,472		

of GENETICS INSTITUTE, INC., P.O. Box 8299, Philadelphia, Pennsylvania 19101, United States of America.

Send Correspondence to: **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number) Amy E. Mandragouras

(617) 227-7400

I authorize the above named attorneys and/or agents to accept and follow instructions from my representatives.

3/13/01

Date

Kenneth Jacobs

Kenneth Jacobs

3/13/01

Date

Edward R. LaVallie

Edward R. LaVallie

3/13/01

Date

Lisa A. Collins-Racie

Lisa A. Collins-Racie

Send Correspondence to: **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

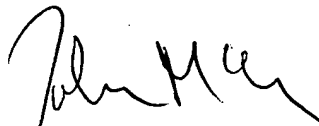
Direct Telephone Calls to: (name and telephone number) Amy E. Mandragouras

(617) 227-7400

I authorize the above named attorneys and/or agents to accept and follow instructions from my representatives.

3/13/01

Date



John McCoy

Send Correspondence to: **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number) Amy E. Mandragouras

(617) 227-7400

I authorize the above named attorneys and/or agents to accept and follow instructions from my representatives.

12 March 2001  
Date

Maurice Treacy  
Maurice Treacy

Send Correspondence to: **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number) Amy E. Mandragouras

(617) 227-7400

I authorize the above named attorneys and/or agents to accept and follow instructions from my representatives.

3/22/01

Date

Cheryl Evans

Cheryl Evans

Send Correspondence to: **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number) Amy E. Mandragouras

(617) 227-7400

I authorize the above named attorneys and/or agents to accept and follow instructions from my representatives.

March 14, 2001

Date

David Merberg

David Merberg

Customer Number: 000959

Attorney's  
Docket  
Number GIN-6083CP

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted Proteins and Polynucleotides Encoding Them  
the specification of which

(check one)

\_\_\_ is attached hereto.

X was filed on August 13, 1999 as

Application Serial No. 09/374,046

and was amended on \_\_\_\_\_  
(if applicable)

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

### CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

Check one:

☒ no such applications have been filed.

☐ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (month,day,year)	Priority Claimed Under 35 USC 119
			_ Yes      No _
			_ Yes      No _
			_ Yes      No _
			_ Yes      No _
			_ Yes      No _

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION




CLAIM FOR BENEFIT OF U.S. PROVISIONAL APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/096,622</u>	<u>August 14, 1998</u>
(Application Serial No.)	(Filing Date)

<u>60/096,815</u>	<u>August 17, 1998</u>
(Application Serial No.)	(Filing Date)

<u>60/099,229</u>	<u>September 4, 1998</u>
(Application Serial No.)	(Filing Date)

<u>60/105,368</u>	<u>October 23, 1998</u>
(Application Serial No.)	(Filing Date)

<u>60/115,234</u>	<u>January 8, 1999</u>
(Application Serial No.)	(Filing Date)

<u>60/119,931</u>	<u>February 12, 1999</u>
(Application Serial No.)	(Filing Date)

<u>60/120,575</u>	<u>February 18, 1999</u>
(Application Serial No.)	(Filing Date)

<u>60/132,020</u>	<u>April 30, 1999</u>
(Application Serial No.)	(Filing Date)

<u>60/148,424</u>	<u>August 11, 1999</u>
(Application Serial No.)	(Filing Date)

# CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of any earlier United States application(s) or PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the earlier application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date(s) of the earlier application(s) and the national or PCT international filing date of this application. As to subject matter of this application which is common to my earlier application(s), if any, described below, I do not know and do not believe that the same was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date(s) of said earlier application(s), or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date(s) of said earlier application(s) on an application filed more than twelve months (six months if this application is for a design) before the filing of said earlier application(s); and I acknowledge that no application for patent or inventor's certificate on said subject matter has been filed by me or my representatives or assigns in any country foreign to the United States except those identified herein.

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented,pending,aband.)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented,pending,aband.)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

W. Hugo Liepmann	Reg. No. 20,407	Catherine J. Kara	Reg. No. 41,106
James E. Cockfield	Reg. No. 19,162	Faustino A. Lichauco	Reg. No. 41,942
Thomas V. Smurzynski	Reg. No. 24,798	Jeanne M. DiGiorgio	Reg. No. 41,710
Ralph A. Loren	Reg. No. 29,325	Megan E. Williams	Reg. No. 43,270
Giulio A. DeConti, Jr.	Reg. No. 31,503	Nicholas P. Triano III	Reg. No. 36,397
Ann Lamport Hammitte	Reg. No. 34,858	Peter C. Lauro	Reg. No. 32,360
Elizabeth A. Hanley	Reg. No. 33,505	Reza Mollaaghababa	Reg. No. 43,810
Amy E. Mandragouras	Reg. No. 36,207	Timothy J. Douros	Reg. No. 41,716
Anthony A. Laurentano	Reg. No. 38,220	John L. Welch	Reg. No. 28,129
Jane E. Remillard	Reg. No. 38,872	DeAnn F. Smith	Reg. No. 36,683
Jeremiah Lynch	Reg. No. 17,425	William D. DeVaul	Reg. No. 42,483
Kevin J. Canning	Reg. No. 35,470	David J. Ridders	Reg. No. 43,882
David A. Lane, Jr.	Reg. No. 39,261	Chi Suk Kim	Reg. No. 42,728

of LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, Massachusetts 02109, United States of America, and

Bruce M. Eisen	Reg. No. 22,847	Suzanne A. Sprunger, Ph.D.	Reg. No. 41,323
Ellen J. Kapinos	Reg. No. 32,245	Barbara A. Gyure	Reg. No. 34,614

of GENETICS INSTITUTE, INC., 87 CambridgePark Drive, Cambridge, Massachusetts 02140, United States of America.

Send Correspondence to Amy E. Mandragouras, Esq. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

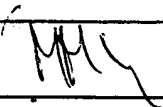
Direct Telephone Calls to: (name and telephone number)

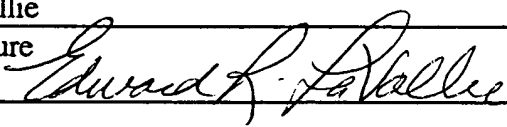
Amy E. Mandragouras, Esq., (617) 227-7400

Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Kenneth Jacobs	
Inventor's signature <i>Kenneth Jacobs</i>	Date 12/17/99
Residence 151 Beaumont Avenue, Newton, MA 02160	
Citizenship USA	
Post Office Address (if different)	

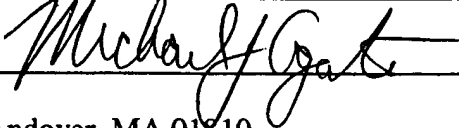
Full name of second inventor, if any John M. McCoy	
Inventor's signature 	Date 1/20/00
Residence 56 Howard Street, Reading, MA 01867	
Citizenship Great Britain	
Post Office Address (if different)	


Full name of third inventor, if any Edward R. LaVallie	
Inventor's signature 	Date 1/24/00
Residence 113 Ann Lee Road, Harvard, MA 01451	
Citizenship USA	
Post Office Address (if different)	

Full name of fourth inventor, if any Lisa A. Collins-Racie	
Inventor's signature <i>Lisa A. Collins-Racie</i>	Date 12/20/99
Residence 124 School Street, Acton, MA 01720	
Citizenship USA	
Post Office Address (if different)	

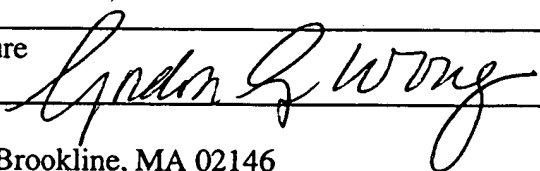
Full name of fifth inventor, if any.	
David Merberg	
Inventor's signature	Date
David Merberg	Jan 25, 2000
Residence	
2 Orchard Drive, Acton, MA 01720	
Citizenship	
USA	
Post Office Address (if different)	



Full name of sixth inventor, if any Michael J. Agostino	
Inventor's signature 	Date 12/20/99
Residence 26 Wolcott Avenue, Andover, MA 01810	
Citizenship USA	
Post Office Address (if different)	

Full name of seventh inventor, if any Robert Steininger, II	
Inventor's signature 	Date 2 May 00
Residence 100 Reed Street, Cambridge, MA 02140	
Citizenship USA	
Post Office Address (if different)	

Full name of eighth inventor, if any Vikki Spaulding	
Inventor's signature <i>Vikki Spaulding</i>	Date 12/15/99
Residence 11 Meadowbank Road, Billerica, MA 01821	
Citizenship USA	
Post Office Address (if different)	

Full name of ninth inventor, if any Gordon G. Wong	
Inventor's signature 	Date 12/20/99
Residence 239 Clark Road, Brookline, MA 02146	
Citizenship Canada	
Post Office Address (if different)	

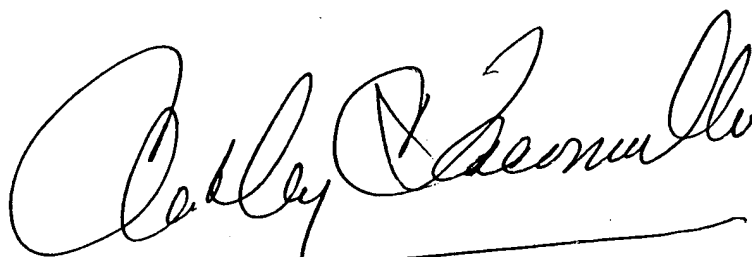
Full name of tenth inventor, if any Hilary F. Clark	
Inventor's signature <i>Hilary F. Clark</i>	Date <i>1/31/2000</i>
Residence 495 Harkness Avenue, San Francisco, CA 94134	
Citizenship USA	
Post Office Address (if different)	

Full name of eleventh inventor, if any	Kim Fectel	4-28-2000
Inventor's signature	Kim Fectel	Date 4-24-2000
Residence	46 Marion Road, Arlington, MA 02174	
Citizenship	USA	
Post Office Address (if different)		

Described before me on  
28th of April, 2000

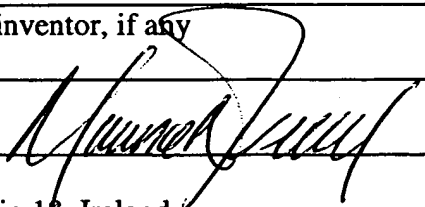
County : Essex

State : Massachusetts

  
\_\_\_\_\_  
Notary

My Commission Expires  
May 5, 2006

Full name of twelfth inventor, if any Cheryl Evans	
Inventor's signature <i>Cheryl Evans</i>	Date 1/26/00
Residence 18801 Bent Willow Circle, Germantown, MD 20874	
Citizenship United Kingdom	
Post Office Address (if different)	

Full name of thirteenth inventor, if any Maurice Treacy	
Inventor's signature 	Date 12/22/99
Residence 12 Foxrock Court, Dublin 18, Ireland	
Citizenship Ireland	
Post Office Address (if different)	